ECE 345 / ME 380: Introduction to Control Systems Collaborative Quiz #4 Grading Sheet

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This quiz is open-note and open-book. Computational tools (Matlab, calculators) are allowed. No partial credit will be awarded. For each of the questions, clearly write the correct answer.

By signing below, I pledge that I have written this quiz as per the indicated instructions, and fully participated in the group.

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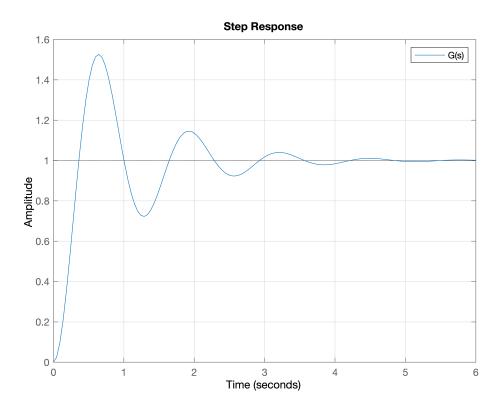
ECE 345/ME 380: Introduction to Control Systems

Collaborative Quiz #4

Location of poles and zeros of G(s)

```
num=[25]; den=[1 2 25];
```

Step response of the open-loop system



```
t = 0:.01:10;
r = t;
[y,tout] = lsim(sys,r,t);
plot(tout, r'-y);
xlabel('Time [sec]'); ylabel('Error [m]');
```

